



Name :

Roll No. :

Invigilator's Signature :

CS/B.Tech (APM)/SEM-5/APM-505/2011-12

2011

QUALITY ASSURANCE IN APPAREL INDUSTRY

Time Allotted : 3 Hours

Full Marks : 70

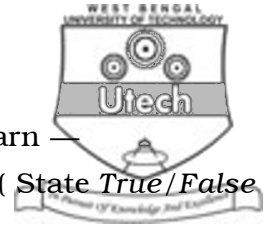
The figures in the margin indicate full marks.

Candidates are required to give their answers in their own words as far as practicable.

GROUP – A

(Objective Type Questions)

1. Answer *all* the following questions : 10 × 1 = 10
- i) Name the instrument used to test yarn strength.
 - ii) Is a hole a knitted fabric fault ?
 - iii) Name the instrument used to test single yarn CSP.
 - iv) Name any two essential garment specifications.
 - v) Name any two-yarn quality parameters to be tested before using in fabric making.
 - vi) Higher fastness data is better — (State *True/False*)



vii) Twist is normally higher in weaving yarn —
(State True/False)

viii) 4-point fabric inspection method is applied for woven
fabric — (State True/False)

ix) What is the full form of TQM ?

x) Write full form of ASTM.

GROUP – B

(Short Answer Type Questions)

Answer any *three* of the following. $3 \times 5 = 15$

2. What do you understand by Quality ? Why quality assurance system is preferred over quality control system ?
3. Define essential garment specifications before hand to start the production process.
4. What do you understand by trims and accessories ? Give examples.
5. Mention any *three* types of cloth defects and sources of those cloth defects.
6. Define colour fastness and saliva fastness properties of textile materials.



GROUP – C

(Long Answer Type Questions)

Answer any *three* of the following. $3 \times 15 = 45$

7. What is different fabric faults checked for fabric acceptance ? What are the available fabric inspection systems ? Mention the points given in both the 4-point & 10-point systems for various faults. $3 + 3 + 4 + 5$
8. Define quality with producer perspective and value based perspective. What are the different activities involved in quality assurance ? Draw a “Quality Assurance Model” and explain in details. $3 + 3 + 3 + 6$
9. What are trims and accessories ? Why trims and accessories are so important ? Mention at least six commonly used different trims and accessories and their detail quality aspects & parameters. $3 + 3 + 9$
10. What are the different reasons for stitching ? Explain every detail with negative aspects for each reason. Mention any four kinds of stitching used in the apparel industry and area of application for those stitching. $3 + 8 + 4$
11. Define garment checking procedure. What are the most common garment defects ? Describe categorically. Give probable causes and remedies for any one garment defect. $3 + 6 + 6$